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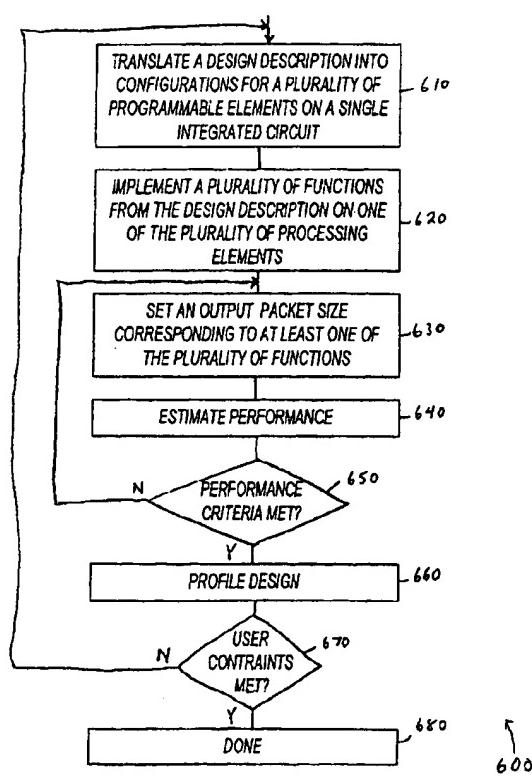
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*[Continued on next page]*

(54) Title: BLOCK-BASED PROCESSING IN A PACKET-BASED RECONFIGURABLE ARCHITECTURE



(57) Abstract: A reconfigurable circuit including a heterogeneous mix of processing elements is configured to use variable packet sizes.

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A. CLASSIFICATION OF SUBJECT MATTER  
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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| Y          | <p>E. TSUI ET AL: "A New Distributed DSP Architecture Based on the Intel IXS for Wireless Client and Infrastructure (Hot Chips 14, Session 7: Digital Signal Processors, 20 August 2002)"<br/>         HOT CHIPS 14 : CONFERENCE RECORD ; AUGUST 18 - 20, 2002, MEMORIAL AUDITORIUM, STANFORD UNIVERSITY, PALO ALTO, CALIFORNIA / SPONSORED BY THE IEEE COMPUTER SOCIETY TECHNICAL COMMITTEE ON MICROPROCESSORS AND MICROCOMPUTERS, 2002, pages 1-17, XP009053119<br/>         Palo Alto, Calif.<br/>         slides 2,14-18, 24-27</p> <p>-----</p> <p style="text-align: center;">-/-</p> | 1-30                  |

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| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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| Y          | <p>COMPTON K HAUCK: "Reconfigurable computing: A survey of systems and software"<br/>           ACM COMPUTING SURVEYS, ACM, NEW YORK, US, US,<br/>           vol. 34, no. 2, June 2002 (2002-06), page 171AND210, XP002957662<br/>           ISSN: 0360-0300<br/>           sections 3.3 and 3.7, introduction of section 4, section 5.1.2<br/>           -----</p>  | 1-30                  |
| Y          | <p>LETTIERI P ET AL: "Adaptive frame length control for improving wireless link throughput, range, and energy efficiency"<br/>           INFOCOM '98. SEVENTEENTH ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. PROCEEDINGS. IEEE SAN FRANCISCO, CA, USA 29 MARCH-2 APRIL 1998, NEW YORK, NY, USA, IEEE, US, vol. 2, 29 March 1998 (1998-03-29), pages 564-571, XP010270390<br/>           ISBN: 0-7803-4383-2<br/>           abstract; page 566, right column, lines 7-36; page 570, right column, fourth paragraph<br/>           -----</p> | 1-30                  |
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| Y          | <p>EP 1 315 335 A (AT&amp;T CORP)<br/>           28 May 2003 (2003-05-28)<br/>           abstract<br/>           paragraphs '0011!, '0024!, '0027!, '0035!, '0038!, '0039!; claim 1; figures 8,20-37<br/>           -----</p>  | 1-30                  |
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| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
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| Y        | <p>CHANDRANMENON G P ET AL: "RECONSIDERING FRAGMENTATION AND REASSEMBLY"<br/>         PROCEEDINGS OF THE 17TH ANNUAL ACM SYMPOSIUM ON PRINCIPLES OF DISTRIBUTED COMPUTING. PODC 1998. PUERTO VALLARTA, MEXICO, JUNE 28 - JULY 2, 1998, ACM SIGACT - SIGMOD SYMPOSIUM ON PRINCIPLES OF DISTRIBUTED COMPUTING, NEW YORK, NY : ACM, US, 28 June 1998 (1998-06-28), pages 21-29, XP002921718<br/>         ISBN: 0-89791-877-7<br/>         page 23, left column, third paragraph;<br/>         table 1</p> <p>-----</p> | 1-30                  |

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